INTERNATIO \Box L SEARCH REPORT

pal application No.

A. CLASSIFICATION OF SUBJECT MATTER		
Int.Cl ⁷ C21D8/12, C22C38/00, 38/0	04, 38/60, H01F1/16	
According to International Patent Classification (IPC) or to both	national classification and IPC	
According to international Patent Classification (If C) or to both	national classification and it C	
B. FIELDS SEARCHED		
Minimum documentation searched (classification system follower	d by classification symbols)	
Int.Cl ⁷ C21D8/12, 9/46, C22C38/00	1-60, HUIFI/16-18	
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Jitsuyo Shinan Koho 1922-1996		
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Electronic data base consulted during the international search (na	me of data base and, where practicable, sea	rch terms used)
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C. DOCKE WINDS CONSTRUCTED TO DE DEL DIVINE		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category* Citation of document, with indication, where a	appropriate, of the relevant passages	Relevant to claim No.
X JP 2001-107147 A (KAWASAKI	STEEL CORP.),	9,10
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Examples; Fig. 1		,
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Further documents are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents:	"T" later document published after the inte	
"A" document defining the general state of the art which is not considered to be of particular relevance	priority date and not in conflict with the understand the principle or theory und	
"E" earlier document but published on or after the international filing	"X" document of particular relevance; the	claimed invention cannot be
date "L" document which may throw doubts on priority claim(s) or which is	considered novel or cannot be conside step when the document is taken alone	
cited to establish the publication date of another citation or other	"Y" document of particular relevance; the	claimed invention cannot be
special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other	considered to involve an inventive step combined with one or more other such	
means	combination being obvious to a person	skilled in the art
"P" document published prior to the international filing date but later	"&" document member of the same patent	
than the priority date claimed Date of the actual completion of the international search	Date of mailing of the international sear	ch report
23 January, 2004 (23.01.04)	03 February, 2004	
Name and mailing address of the ICA/	Authorized officer	
Name and mailing address of the ISA/ Japanese Patent Office	Addionzed officer	

Telephone No.

Facsimile No.

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